

PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Dr. Klemens Schubert  
Patenterwart

19 Juni 2005

Empfänger:

Erledigt:

see Form PCT/ISA/220... as well as, where applicable, item 5 below.

Applicant's or agent's file reference <b>P1030PC00</b>	<b>FOR FURTHER ACTION</b>	
International application No. <b>PCT/EP2004/012853</b>	International filing date (day/month/year) <b>09/11/2004</b>	(Earliest) Priority Date (day/month/year) <b>09/11/2003</b>
Applicant <b>EPIGENOMICS AG</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).



- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.



2. Certain claims were found unsearchable (See Box II).



3. Unity of invention is lacking (see Box III).

## 4. With regard to the title,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

## 5. With regard to the abstract,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

## 6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 1



as suggested by the applicant.



as selected by this Authority, because the applicant failed to suggest a figure.



as selected by this Authority, because this figure better characterizes the invention.



- b. none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/012853

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 138 782 A (BRUKER DALTONIK GMBH; BRUKER-SAXONIA ANALYTIK GMBH) 4 October 2001 (2001-10-04) abstract paragraph '0023! claims 16-18	1-19
X	US 6 531 302 B1 (NERENBERG MICHAEL I ET AL) 11 March 2003 (2003-03-11) abstract; claims 18,21	1-19
X	WO 03/023065 A (SYNGENTA PARTICIPATIONS AG; WANG, XUN; CHANG, HUR-SONG; PASZKOWSKI, JE) 20 March 2003 (2003-03-20) page 4, lines 1-20	16-19
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*8\* document member of the same patent family

Date of the actual completion of the international search

27 May 2005

Date of mailing of the international search report

07/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Aguilera, M

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/012853

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>REIN ET AL: "Identifying 5-methylcytosine and related modifications in DNA genomes" NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 26, no. 10, 1998, pages 2255-2264, XP002143106 ISSN: 0305-1048 the whole document</p>	16-19
X	<p>EP 1 312 685 A (NISSHINBO INDUSTRIES, INC) 21 May 2003 (2003-05-21) page 3, lines 29-36</p>	16-18
X	<p>GITAN RAAD S ET AL: "Methylation-specific oligonucleotide microarray: a new potential for high-throughput methylation analysis" GENOME RESEARCH, COLD SPRING HARBOR LABORATORY PRESS, US, vol. 12, no. 1, January 2002 (2002-01), pages 158-164, XP002208051 ISSN: 1088-9051 the whole document</p>	16-18
X	<p>US 5 871 917 A (DUFFY ET AL) 16 February 1999 (1999-02-16) column 2, lines 8-12 column 3, lines 10-33</p>	19
X	<p>WO 99/28501 A (THE SECRETARY OF STATE FOR DEFENCE; LEE, MARTIN, ALAN) 10 June 1999 (1999-06-10) page 3, lines 18-33 page 8, lines 14-17 page 8, line 33 - page 9, line 6 page 11, lines 14-22</p>	19
X	<p>EP 0 976 835 A (KEYGENE N.V) 2 February 2000 (2000-02-02) claim 17</p>	19

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/012853

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